

## 1—Identified global consumers of tantalum concentrates

Explanation: This list contains global facilities known to be able to process tantalum concentrate to produce industrial tantalum products. Data records are sorted by country and then alphabetically by owner.

COUNTRY	PRODUCTS <sup>1</sup>	LOCATION	OPERATOR / OWNERSHIP
Australia	Ta <sub>2</sub> O <sub>5</sub>	Greenbushes, Western Australia	Global Advanced Metals Greenbushes Pty Ltd (Global Advanced Metals Pty Ltd)
Austria	Ta <sub>2</sub> O <sub>5</sub> , TaC	Multiple; Althofen, Carinthia (HQ)	Treibacher Industrie AG
Brazil	Ta <sub>2</sub> O <sub>5</sub>	São João Del Rei, Minas Gerais State	LSM Brazil S.A. [AMG Advanced Metallurgical Group N.V. (Netherlands)]
Brazil	FeTa	São Paulo State	Mineração Taboca SA (Minsur SA)
Brazil	Ta	São João Del Rei, Minas Gerais State	Resind Indústria e Comércio Ltda.

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COUNTRY	PRODUCTS <sup>1</sup>	LOCATION	OPERATOR / OWNERSHIP
China	TaPwdr, Ta <sub>2</sub> O <sub>5</sub> , K <sub>2</sub> TaF <sub>7</sub> , TaMtl	Taiping Town, Shengang, Conghua, Guangdong	Conghua Tantalum and Niobium Smeltery (CTNS) (Guangdong Rising Nonferrous Metals Group Co., Ltd.)
China	K <sub>2</sub> TaF <sub>7</sub> , Ta <sub>2</sub> O <sub>5</sub>	Yaxi Industrial Development Zone, Xinhui, Jiangmen, Guangdong	F&X Electro-Materials Ltd. (Uniton Industries Ltd.)
China	K <sub>2</sub> TaF <sub>7</sub> , TaC, TaPwdr, Ta <sub>2</sub> O <sub>5</sub> , TaMtl, TaAlloys	Zhuzhou, Hunan	FIR Metals & Resource Ltd.
China	K <sub>2</sub> TaF <sub>7</sub>	Chengnan Industrial Zone, Fogang County, Qingyuan, Guangdong	Fogang Jiate Metals Co., Ltd.
China	K <sub>2</sub> TaF <sub>7</sub> , Ta <sub>2</sub> O <sub>5</sub>	Yingde, Guangdong	Guangdong Zhiyuan New Material Co., Ltd. (Ximei Resources Holding Ltd.)

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China	Ta <sub>2</sub> O <sub>5</sub> , K <sub>2</sub> TaF <sub>7</sub>	Zhuhui District, Hengyang, Hunan	Hengyang King Xing Lifeng New Materials Co., Ltd.
China	K <sub>2</sub> TaF <sub>7</sub> , Ta <sub>2</sub> O <sub>5</sub>	Ganzhou Industrial Park, Fengxin County, Jiangxi	Jiangxi Province Ding Hai Tantalum & Niobium Co., Ltd.
China	K <sub>2</sub> TaF <sub>7</sub> , Ta <sub>2</sub> O <sub>5</sub>	Yichun Economic and Technological Development Zone, Yichun, China	Jiangxi Tuohong New Material Co., Ltd.
China	TaC, TaMtl	East Industrial Base 3, Xunyang District, JiuJiang, Jiangxi	Jiujiang Janny New Material Co., Ltd.
China	Ta <sub>2</sub> O <sub>5</sub> , K <sub>2</sub> TaF <sub>7</sub> , TaC, TaMtl	Jiujiang, Jiangxi	JiuJiang JinXin Nonferrous Metals Co., Ltd.

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China	Ta <sub>2</sub> O <sub>5</sub> , TaC, TaMtl, TaPwdr	East City Development Zone, Xin Gang Town, Jiujiang, Jiangxi	Jiujiang Tanbre Co., Ltd. (JJTC) (formerly Jiujiang Tanbre smelter) (Jiangxi Tungsten Group Ltd Corp. [JWYX])
China	Ta <sub>2</sub> O <sub>5</sub> , K <sub>2</sub> TaF <sub>7</sub> , TaC, TaMtl	Jiujiang, Jiangxi	Jiujiang Zhongao Tantalum & Niobium Co., Ltd. (joint venture Jiangxi Jiujiang Yizhong Nonferrous Metals Co., Ltd., and others)
China	Ta <sub>2</sub> O <sub>5</sub> , K <sub>2</sub> TaF <sub>7</sub> , TaC, TaPwdr, TaMtl	Shishi Industrial Zone, Yifeng County Industrial Park, Fengcheng, Jiangxi	King-Tan Tantalum Industry, Ltd.
China	Ta <sub>2</sub> O <sub>5</sub> , TaMtl, TaPwdr	Jiangning Economic Development Zone, Nanjing, Jiangsu	Nanjing Metalink International Co. Ltd. (Metalink International Co. Ltd)
China	Ta <sub>2</sub> O <sub>5</sub> , TaCl <sub>5</sub> , TaC, TaNbC, TaMtl, TaAlloys, TaPwdr	Dawukou District, Shizuishan, Ningxia	Ningxia Orient Tantalum Industry Co., Ltd. (OTIC)

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China	TaC, TaMtl	SME Pioneer Park, Yanling, Zhuzhou, Hunan	RFH Tantalum Smeltery Co., Ltd. / Yanling Jincheng Tantalum & Niobium Co., Ltd.
China	TaC, TaNbC, TaPwdr, Ta ingot	Xiangcheng, Suzhou, Jiangsu	Taike Technology (Suzhou) Co. Ltd.
China	Ta2O5	Buxia Cun, Rencun Town, Xinxing, Yunfu, Guangdong	XinXing Haorong Electronic Material Co., Ltd.
Estonia	Ta2O5, TaH5, TaMtl (ingots, chips)	Sillamae, Ida-Virumaa	NPM Silmet AS (Neo Performance Materials, 100%)
Germany	TaMtl, Ta2O5, TaAl	Freiberg, Saxony	Freiberger NE-Metall GmbH & Co. Produktions KG (GfE Gesellschaft für Elektrometallurgie mbH, AMG Advanced Metallurgical Group N.V.)

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Germany	TaMtl, Ta <sub>2</sub> O <sub>5</sub> , TaAl	Nuremberg, Middle Franconia	GfE - Metalle und Materialien GmbH (GfE Gesellschaft für Elektrometallurgie mbH, AMG Advanced Metallurgical Group N.V.)
Germany	Ta	Hermisdorf, Thuringia	H.C. Starck Hermisdorf GmbH (H.C. Starck GmbH)
Germany	Ta ore, TaCl <sub>5</sub>	Laufenburg, Baden-Wurrtemberg	H.C. Starck Smelting GmbH & Co. KG (H.C. Starck Tantalum and Niobium GmbH [JX Nippon Mining & Metals Corp.])
Germany	K <sub>2</sub> TaF <sub>7</sub> , Ta <sub>2</sub> O <sub>5</sub> , TaMtl, TaPwdr	Goslar, Lower Saxony	H.C. Starck Tantalum and Niobium GmbH (JX Nippon Mining & Metals Corp.)
Germany	TaPwdr, TaNbC, Ta <sub>2</sub> O <sub>5</sub> , TaCl <sub>5</sub> , TaMtl, TaRecyc	Hanau, Hesse	Heraeus Deutschland GmbH & Co. KG (formerly W.C. Heraeus) (Heraeus Holding, GmbH)

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India	K2TaF7, Ta2O5	Taloja Industrial Area, District Raigad, Maharashtra	Metallurgical Products India Pvt Ltd. (MPIL)
Japan	Ta2O5, TaC, TaNbC	Omuta, Fukuoka	Engineered Powders Div. Miike Rare Metal Plant (Mitsui Mining and Smelting Co., Ltd.)
Japan	TaPwdr	Aizuwakamatsu, Fukushima	Global Advanced Metals Japan K.K. (Global Advanced Metals Pty Ltd.)
Japan	TaPwdr	Hitachiomiya, Ibaraki	H.C. Starck Ltd. [H.C. Starck Tantalum and Niobium GmbH (JX Nippon Mining & Metals Corp.)]
Japan	Ta2O5, TaC, TaNbC	Osaki, Shinagawa, Tokyo	Mitsui Kinzoku Engineered Powders Division (Mitsui Mining & Smelting Co., Ltd.)

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Japan	Ta2O5	Harima, Kako, Hyogo	Taki Chemical Co., Ltd.
Kazakhstan	TaAlloy, TaMtl, TaPwdr	Ust-Kamenogorsk, East Kazakhstan Province	Ulba Metallurgical Plant JSC (National Atomic Copmany Kazatomprom JSC)
Macedonia	TaMtl, TaAlloys, TaC	Balin Dol, Gostivar	Power Resources Group (PRG)
Mexico	K2TaF7	Matamoros, Tamaulipas	KEMET de Mexico, S.A. de C.V. [KEMET Blue Metals (KEMET Corp.)]
Namibia	Ta2O5	Warmbad, Karas District	African Tantalum (Pty) Ltd (Kazera Global Investments PLC, 75%)



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Thailand	K2TaF7, TaPwdr	Map Ta Phut, Rayong Province	H.C. Starck Co., Ltd. (Thailand) [H.C. Starck Tantalum and Niobium GmbH (JX Nippon Mining & Metals Corp.)]
Russia	Ta2O5, TaMtl, TaCl5	Solikamsk, Perm Krai	OAo Solikamsk Magnesium Works (SMZ)
United States	TaMtl, TaAlloys, TaPwdr	Boyertown, Montgomery County, Pennsylvania	Global Advanced Metals USA, Inc. (Global Advanced Metals Pty Ltd.)
United States	TaPwdr	Newton, Massachusetts	H.C. Starck Inc.
United States	TaPwdr	Mound House, Nevada	KEMET Blue Powder Corp. (KEMET Corp.)

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United States	TaAlloys, TaC, Ta ethoxide, Ta <sub>2</sub> O <sub>5</sub> , TaN, TaSi <sub>2</sub> , TaSe <sub>2</sub>	Many (Shanghai, Suzhou in China and others in England, Ireland, Philippines, Singapore, Taiwan, and United States)	Materion Advanced Materials Thin Film Products (Headquarters in Cleveland, OH)

HQ Headquarters

<sup>1</sup> K<sub>2</sub>TaF<sub>7</sub>, K-salt (potassium fluorotantalate); Ta, tantalum; Ta<sub>2</sub>O<sub>5</sub>, tantalum pentoxide; TaAl, tantalum-aluminum alloy; TaAlloys, tantalum alloys; TaC, tantalum carbide; TaCl<sub>5</sub>, tantalum chloride; Ta ethoxide, tantalum ethoxide; TaH<sub>5</sub>, tantalum hydride; TaMtl, tantalum metal; TaN, tantalum nitride; TaNbC, tantalum niobium carbide; TaPwdr, tantalum powder; TaRecyc, tantalum recycle; TaSe<sub>2</sub>, tantalum diselenide; TaSi<sub>2</sub>, tantalum silicide.